

## EAST Search History

| Ref # | Hits  | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|---|------------------|---------|------------------|
| L5    | 11    | (US-20040208349-\$ or US-20030235329-\$).did. or (US-6324310-\$ or US-5177802-\$ or US-7227978-\$ or US-6282303-\$ or US-5539532-\$).did. or (US-20030235329-\$ or US-5177802-\$ or US-6282303-\$ or US-6324310-\$).did. | US-PGPUB; USPAT; DERWENT                          | AND              | ON      | 2007/11/28 09:38 |
| L6    | 1     | 5 and (pixel with (normaliz\$ and range and ratio))  | US-PGPUB; USPAT; DERWENT                          | AND              | ON      | 2007/11/28 09:40 |
| L7    | 1     | 5 and (pixel with (normaliz\$ or range or ratio))  | US-PGPUB; USPAT; DERWENT                          | AND              | ON      | 2007/11/28 09:40 |
| L8    | 1     | 5 and (pixel same (normaliz\$ or range or ratio))  | US-PGPUB; USPAT; DERWENT                          | AND              | ON      | 2007/11/28 09:40 |
| L9    | 11    | (line with sensor) and image and (pixel with value) and (pixel with range) and (normaliz\$ with (ratio or range or average)) and (pixel with correct\$ with average)   | US-PGPUB; USPAT; DERWENT                          | AND              | ON      | 2007/11/28 09:42 |
| L11   | 2     | "5539532".pn.  | US-PGPUB; USPAT; DERWENT                          | AND              | ON      | 2007/11/28 12:28 |
| L12   | 2     | ((line adj sensor) same (transparent with hollow with roller)) and fingerprint   | US-PGPUB; USPAT; DERWENT                          | AND              | ON      | 2007/11/28 12:30 |
| L13   | 8     | ((line adj sensor) same (roller)) and fingerprint  | US-PGPUB; USPAT; DERWENT                          | AND              | ON      | 2007/11/28 13:11 |
| L14   | 16106 | "20010706"   | US-PGPUB; USPAT; DERWENT                          | AND              | ON      | 2007/11/28 12:34 |
| L15   | 2     | "2001184490"   | US-PGPUB; USPAT; DERWENT                          | AND              | ON      | 2007/11/28 12:36 |
| L16   | 3     | "2001184490"   | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND              | ON      | 2007/11/28 12:36 |

## EAST Search History

|     |         |   |  |     |    |                  |
|-----|---------|---|--|-----|----|------------------|
| L19 | 3       | "20030235329"   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/11/28 13:30 |
| S1  | 1491    | 382/124.ccls.   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/28 12:49 |
| S2  | 6       | S1 and (roller with pattern)  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/10/02 18:34 |
| S3  | 9       | "6282303".pn. or "6324310".pn. or<br>"20030235329" or "5539532".pn.   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/10/02 18:12 |
| S4  | 2       | "5177802".pn.   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/10/02 18:12 |
| S5  | 11      | (US-20040208349-\$ or<br>US-20030235329-\$).did. or<br>(US-6324310-\$ or US-7227978-\$ or<br>US-6282303-\$ or US-5177802-\$ or<br>US-5539532-\$).did. or<br>(US-6324310-\$ or<br>US-20030235329-\$ or<br>US-6282303-\$ or US-5177802-\$).<br>did. | US-PGPUB;<br>USPAT;<br>DERWENT                                   | AND | ON | 2007/10/02 18:25 |
| S6  | 1156397 | "11" and (pattern or impression or<br>stencil)  | US-PGPUB;<br>USPAT;<br>DERWENT                                   | AND | ON | 2007/10/02 18:25 |
| S7  | 8       | S5 and (pattern or impression or<br>stencil)  | US-PGPUB;<br>USPAT;<br>DERWENT                                   | AND | ON | 2007/10/02 18:26 |
| S8  | 2       | S5 and ((pattern or impression or<br>stencil) with roller)  | US-PGPUB;<br>USPAT;<br>DERWENT                                   | AND | ON | 2007/11/28 11:37 |

## EAST Search History

|     |     |   |  |     |    |                  |
|-----|-----|---|--|-----|----|------------------|
| S9  | 2   | S5 and ((maximum or minimum) with pixel)                        | US-PGPUB;<br>USPAT;<br>DERWENT                                   | AND | ON | 2007/10/02 18:31 |
| S10 | 127 | (roller with pattern) and fingerprint                           | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/10/02 18:55 |
| S11 | 18  | S10 and (line with sensor)                                      | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/10/02 18:35 |
| S12 | 117 | (line with sensor with pattern) and fingerprint                 | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/10/02 19:11 |
| S13 | 23  | ((line with sensor with pattern) same circ\$11) and fingerprint | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/10/02 19:15 |